

Use the following website for this part of the worksheet.

<http://computer.howstuffworks.com/ethernet1.htm>

Networks

1. Networks belong to two different groups:
2. Describe the difference between a LAN and a WAN.
3. Which type is faster?

The Ethernet

1. Who designed and tested the first Ethernet network and why?
3. What type of technology is the Ethernet?
4. Explain what a protocol is:
5. Define the following:

Medium –

Segment –

Node –

Frame –

6. What do the destination and source addresses do?

Limitations of the Ethernet

7. What is the primary concern regarding an Ethernet cable?
8. Define the following network devices designed to help an Ethernet network:

Repeater –

Bridges -

Routers –

Use the following website for this part of the worksheet.

<http://computer.howstuffworks.com/home-network.htm>

Home Networks

1. A home network allows one or more computers to _____ and share _____,
_____.
2. List three essential components of a home network.
3. The two most popular types of home networks are _____ and _____.
4. In home networks a _____ directs traffic between devices connected to the network.
5. What type of network is easiest to install?
6. A wireless network uses _____ instead of wires to connect network items.
7. What are three wireless security options outlined on the website.